What if?
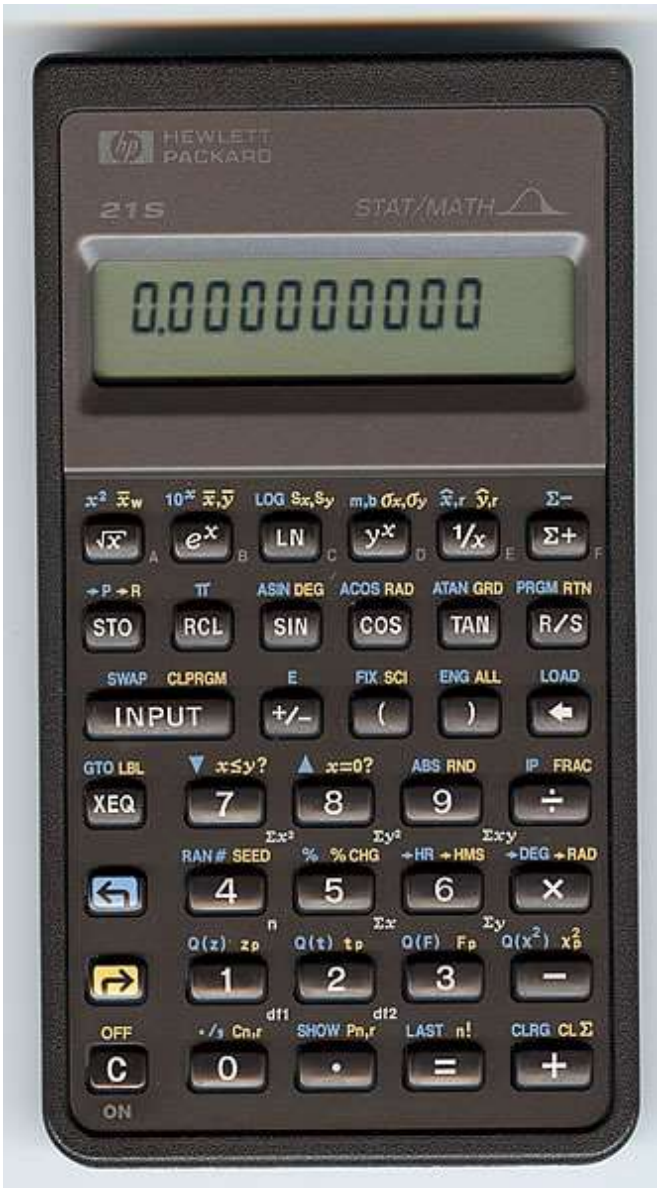
We could have another model in the Voyager Series…

Chuck McCord
HPCC 2021

What if? There was another model in the Voyager Series...

- The Goal would be to create a "new" Voyager format calculator that followed previously proven interesting function sets

- It would be likely that another Voyager model would have less volume than 12,15,16 so there would be a drive to maximize leverage of an existing model.

What if?

The function set

Multiple HP calculators extend the business calculator function set by adding Statistics (probability distributions) and Trig functions

What if? There was another model in the Voyager Series…

- The Goal would be to create a "new" Voyager format calculator that followed previously proven interesting function sets
  - Create a Financial+Scientific Calculator – With Financial, Probability Distributions, & Trig
- It would be likely that another Voyager model would have less volume less than 12,15,16 so there would be a drive to maximize leverage of an existing model.
  - No electronics or display changes
  - No key changes
  - Assume
    - OK to change keyboard overlay
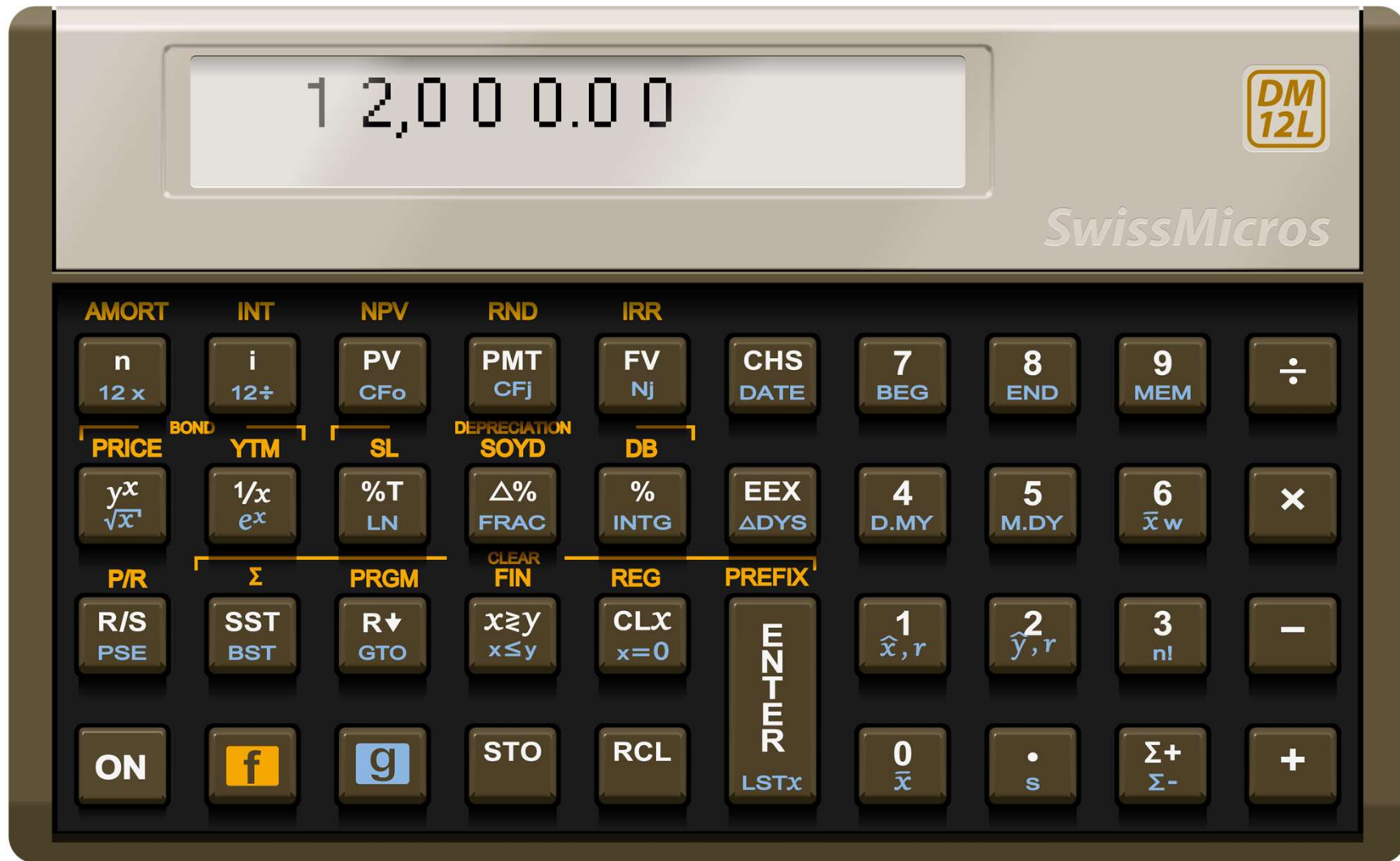   - Additional Firmware will fit

So

What if? We create a Voyager form factor Financial + Scientific Calculator.

We start with 12L h/w as is…

Do not change electronics

Do not change keys

Only Change overlay & firmware

HP-12C as is

Presenting the
DM17L

All of 12L's functions
Most of 27's functions *
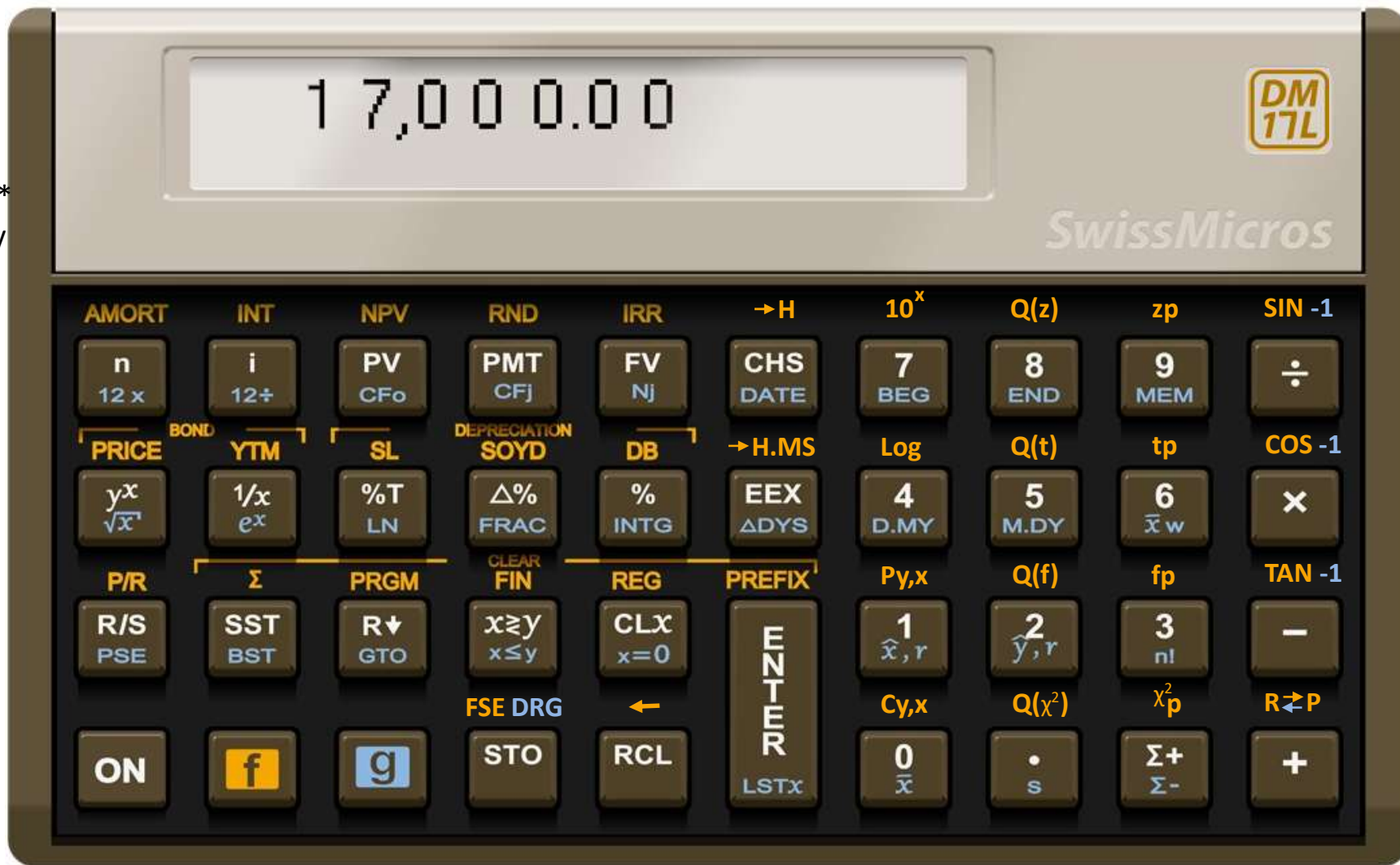+ 20/30/21s Probability distributions

Changes
firmware, overlay *only*

*Compatible with
12C/L programs*

Historically standard labels
Except:
FSE - 3 way toggle
(Fix/Sci/Eng) with
# of digits in x

DRG - 3 way toggle
(Deg/Rad/Grad)

*   Except π, %Σ

Display: 17,000.00

DM 17L

SwissMicros

Keys:

AMORT — n / 12 x
INT — i / 12÷
NPV — PV / CFo
RND — PMT / CFj
IRR — FV / Nj
→H — CHS / DATE
10^x — 7 / BEG
Q(z) — 8 / END
zp — 9 / MEM
SIN -1 — ÷

BOND
PRICE — y^x / $\sqrt{x}$
YTM — 1/x / e^x
SL — %T / LN
DEPRECIATION
SOYD — Δ% / FRAC
DB — % / INTG
→H.MS — EEX / ΔDYS
Log — 4 / D.MY
Q(t) — 5 / M.DY
tp — 6 / $\bar{x}$ w
COS -1 — ×

P/R — R/S / PSE
Σ — SST / BST
PRGM — R▼ / GTO
CLEAR FIN — x≷y / x≤y
REG — CLx / x=0
PREFIX — ENTER / LSTx
Py,x — 1 / $\hat{x}$,r
Q(f) — 2 / $\hat{y}$,r
fp — 3 / n!
TAN -1 — −

FSE DRG
Cy,x — 0 / $\bar{x}$
Q(χ^2) — · / s
χ^2p — Σ+ / Σ−
R⇄P — +

ON   f   g   STO   RCL

a What if?

NOT A REAL SWISS MICROS PROJECT

Thank you

Amiga Released
1985

A500 Mini
Spring 2022

Retrogames
Luton, UK